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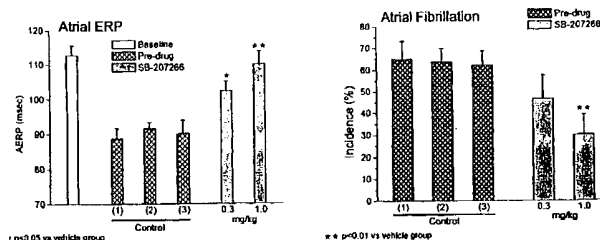
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[Continued on next page]

(54) Title: USE OF 5HT<sub>4</sub> RECEPTOR ANTAGONISTS IN THE MANUFACTURE OF A MEDICAMENT FOR THE PROPHYLAXIS OR TREATMENT OF ATRIAL FIBRILLATION

Figure 3. 5-HT<sub>4</sub> antagonists in atrial fibrillation / atrial remodelling / atrial pacing

• SB-207266 treated group (n=7)



(57) Abstract: The invention relates to the use of a 5-HT<sub>4</sub> receptor antagonist in the manufacture of a medicament for the prophylaxis or treatment of atrial remodelling in a mammal. Preferably, the antagonist is N-[(1<sup>n</sup>butyl-4-piperidinyl) methyl]-3,4-dihydro-2H-[1,3]oxazino[3,2-a]indole-10-carboxamide (SB207266) or a pharmaceutically acceptable salt thereof. The invention also relates to the use of SB 207266 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment or prophylaxis of atrial fibrillation in a mammal by administering to the mammal a daily oral or parenteral dosage regimen of about 0.2 mg to 1.0 mg of the SB 207266 or salt thereof per kg of total body weight (measured as the free base). The invention also relates to the use of SB 207266 or a pharmaceutically acceptable salt thereof in the prophylaxis or treatment of atrial arrhythmia in a mammal by administration of the SB 207266 or salt thereof on the first day at a loading dose of about 1.2 to about 2.0 times the daily maintenance dose, followed by administration of the SB 207266 or salt at the daily maintenance dose on subsequent days.

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MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

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— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 01/03544

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61K45/08 A61P9/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PASCAL, WPI Data, BIOSIS, MEDLINE, CHEM ABS Data, SCISEARCH, EMBASE PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 07728 A (FEDOULOFF MICHAEL ;GUEST DAVID WILLIAM (GB); SMITH GILLIAN ELIZABE) 26 February 1998 (1998-02-26) cited in the application	3-5, 8-11, 14-19, 24,25, 28-34, 40-43, 46-48
	* p.1-4; claims 1,7 *	
X	WO 94 27965 A (SYNTEX INC) 8 December 1994 (1994-12-08) cited in the application	3-5, 8-10, 40-43, 46-48
	claims 1-29	
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X	EP 0 732 333 A (LILLY CO ELI) 18 September 1996 (1996-09-18) cited in the application  claims 1-7	3-5, 8-10, 40-43, 46-48
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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 9 November 1999 (1999-11-09) RAHME MARC M ET AL: "Electrophysiological and antiarrhythmic effects of the atrial selective 5-HT<sub>4</sub> receptor antagonist RS-100302 in experimental atrial flutter and fibrillation." Database accession no. PREV200000024149 XP002188320 abstract &amp; CIRCULATION, vol. 100, no. 19, 9 November 1999 (1999-11-09), pages 2010-2017, ISSN: 0009-7322</p>	1-48

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